



扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

CERTIFICATE OF ANALYSIS

产品: 氨基葡萄糖硫酸钾盐
Product: Glucosamine Sulfate 2KCl
检验方法: USP 36
TEST METHOD: USP 36
分析日期:
Date of Analysis: 2026.02.02

批号:
Batch No: K26002
数量
QUANTITY: 5000KG
生产日期
MFG.DATE: 2026.02.01
有效日期:
EXP. DATE: 2027.12.31

指 标 Specification	标 准 Standard	检测结果 Test Result
含量 Assay (drying basis)	98%~102%	99.92%
鉴别 Identification	A.Infrared absorption B.Tests for chloride,potassium,and sulfate C.Retention time in the Assay transmittancy	conform
旋光度(Specification Rotation)	47° - 53°	50.15°
P H 值 PH value(2%.25°)	3.0~5.0	4.46
干燥失重 Loss on drying	≤0.5%	0.04%
残渣 Residue on Ignition	26.5%~31.0%	28.23%
有机挥发物 Organic volatile impurities	Meet requirement	conform
硫酸根 Sulfate	15.5-16.5%	15.92%
钠离子 Sodium	Meet requirement	<0.1%
氯离子 Chloride	11.1%~12.3%	11.35%
重金属 Heavy metal	≤10ppm	<10ppm
钾 Potassium	11.7-13.0%	12.1%
铁 Iron	≤10ppm	<10ppm
铅 Lead	≤3ppm	<0.5ppm
镉 Cadmium	≤1ppm	<0.5ppm
汞 Mercury	≤0.1ppm	<0.1ppm
砷盐 Arsenic	≤1ppm	<0.5ppm
颗粒度 Mesh size	40-80mesh	conform
堆积密度 Bulk density	≥0.7g/ml	0.77g/ml
振实密度 Tapped density	≥0.8g/ml	0.89g/ml
利用密度 As tapped density	Meet requirement	conform
微生物检测 Microbial Limits		
总菌数 Total aerobic microbial count	≤500cfu/g	80cfu/g
杂菌数 Yeast Mold	≤100cfu/g	10cfu/g
大肠杆菌 E-Coli	Negative	Pass
肠杆菌素 Coliforms	Negative	Pass
沙门氏菌 Salmonella	Negative	Pass
级别 Distinction	Food grade	
外观 Appearance	Crystallion powder, white	
存贮条件 Storage condition	Cool and dry condition	
保质期 Shelf life	2 years	
结论 Conclusion	Conform to USP 36 requirements	

Conclusion: Qualified

Inspector: 工号-01

Checker: 工号

